

# A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2015-06 LIVINGSTON / US 60 / 01-1142.00

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

### **I. PROJECT DESCRIPTION**

County – Livingston

Route – US 60

Item No – 1-1142.00

Project Description – Replace Bridge on US 60 over the Cumberland River 0.27 Mile N of KY 70 at Smithland, MP 12.2 to MP 13.3. (SR 32.7) Bridge ID# 070B00017N

### **II. PROJECT INFORMATION**

Project Manager – E. Chris Kuntz, P.E.

User Division – Highway Design

Approximate Fee – \$800,000.00 - Lump Sum - PE and Bridge Type Selection

Project Funding – BRO

Project Length – Approximately 1.1 mile

### **III. PURPOSE AND NEED**

The purpose of this project is to replace/rehabilitate the existing 83 year old, 1818' single-span thru truss bridge (070B00017N) while providing a safe, reliable roadway and giving due consideration to future transportation needs and appropriate corridor alternatives. The existing bridge on US 60, MP 12.348, over the Cumberland River has a sufficiency rating of 32.7. The structure width is 20.0 feet curb to curb with an approaching roadway width of 24 feet including shoulders. The goal of the project is to provide a constructible and affordable structure that will improve safety and the substandard load capacity of the functionally obsolete bridge.

### **IV. DBE REQUIREMENT**

Consultants should include a DBE participation plan with their response to announcement. An additional page will be allowed with the Project Approach (page 7) in the response to announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

### **V. SCOPE OF WORK**

The selected consultant will be required to conduct preliminary engineering studies that result in refined alternates, grade, and roadway geometrics, including a conceptual bridge type selection. The initial contract agreement will be for Preliminary Engineering and Environmental Analysis. Final Roadway Design and Structure Design may be added by contract modification.

## **VI. SPECIAL INSTRUCTIONS**

An extra 5 pages will be allowed for Page 4 Relative Experience of Key Project Team Members in the response to announcement for a total of 10 pages (A-J). An extra 5 pages will be allowed for Page 6 Relative Experience of Proposed Team in the response to announcement for a total of 10 pages (A-J). There will be no limit to the number of key team members within the 10 pages allowed for Page 4 Relative Experience of Key Project Team Members and the 10 pages allowed for Page 6 Relative Experience of Proposed Team in the response to announcement for this project. An extra 2 pages will be allowed for Page 7 Project Approach in the response to announcement for a total of 6 pages (A-F), which includes DBE participation plan.

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

## **VII. AVAILABLE STUDIES**

US 60 Bridge Replacement Study

[http://transportation.ky.gov/Planning/Pages/Project-Details.aspx?Project=US 60 Bridge Replacement Study](http://transportation.ky.gov/Planning/Pages/Project-Details.aspx?Project=US_60_Bridge_Replacement_Study)

## **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

## **IX. ENVIRONMENTAL**

The selected consultant will provide Environmental Services. It is anticipated that a CE3 will provide appropriate documentation for the project.

## **X. PHOTOGRAMMETRIC SERVICES**

The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format. The consultant will be responsible for any additional ground survey required to complete preliminary and final design. This may include, but is not limited to: topo work, control, monumenting, drainage pick-ups, drainage situations, pavement tie downs, property corners, utility locations.

## **XI. STRUCTURE DESIGN**

The Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design will be performed by the Consultant. Prequalification in the area of structure design is required to be identified in the consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The Selected Consultant may provide all Geotechnical Services required for the project. Geotechnical Services may be negotiated and included in the original contract agreement or may be added by contract modification at the appropriate time. Prequalification in the area of Geotechnical Engineering and Laboratory services is required to be identified in the consultant's Response to Announcement. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised geotechnical services.

## **XIII. TRAFFIC**

The Traffic projections and related information will be provided by the Department.

## **XIV. RIGHT OF WAY**

The selected Consultant shall identify property owners within the project limits. Property owner information shall be shown on the plans along with existing right of way and property lines. Right of way summary sheets shall be provided with the Preliminary Line & Grade submittal showing areas of taking for each alignment alternative.

## **XV. UTILITIES**

The selected consultant may be requested to provide utility related services for this project, which may include construction inspection.

## **XVI. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the consultant project team must be prequalified in the following areas by the response date of this advertisement.

### ROADWAY DESIGN

- Rural Roadway Design
- Surveying

### STRUCTURES

- Spans over 500 feet

### GEOTECHNICAL SERVICES

- Engineering Services
- Laboratory Testing Services
- Drilling Services

### ARCHEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic

- Air Quality Analysis
- Cultural historic Analysis
- EIS Writing and Coordination
- Socioeconomic Analysis

#### AQUATIC TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macro-invertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

#### ENVIRONMENTAL & USTHAZMAT

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

### **XVII. PROCUREMENT SCHEDULE**

- Advertisement Date – Tuesday, December 9, 2014
- Response Due - Wednesday, January 14, 2015 by 4:30pm (Frankfort time)
- First Selection - Tuesday, January 20, 2015
- Final Selection - Tuesday, February 3, 2015
- Pre-Design Conference - Tuesday, February 10, 2015
- Fee Proposal Due - Thursday, February 19, 2015
- Contract Negotiations - Tuesday, February 24, 2015
- Notice to Proceed - Wednesday, March 25, 2015

### **XVIII. PROJECT SCHEDULE**

FINAL BRIDGE TYPE SELECTION REPORT • August 1, 2015

PRELIMINARY LINE AND GRADE INSPECTION • December 1, 2015

ADVANCED SITUATION FOLDER SUBMITTED • February 1, 2016

R/W PLANS SUBMITTAL • April 1, 2016

### **XIX. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)

2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (25 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

**XX. SELECTION COMMITTEE MEMBERS**

1. E. Chris Kuntz, PE, User Division
2. Bill McKinney, PE, User Division
3. Kevin Sandefur, PE, Secretary's Pool
4. Kevin Rust, PE, Secretary's Pool
5. Roger Coffey, Governor's Pool

**XXI. AREA MAP**

